

## LIQUID LIFE FORMS

# BACTERIAL DIGESTANT

**A SAFE APPROACH TO DRAIN MAINTENANCE...  
DIGESTS GREASE AND OTHER ORGANIC WASTE NATURE'S WAY.**

**A combination of enzymes, and genetically engineered living bacteria...**designed to quickly digest grease and other organic waste. A safe, non-acid, non-caustic, effective way to treat the drain system. Contains no chlorinated solvents...digests grease nature's way. USDA authorized.

**SALMONELLA FREE...**this product contains only non-pathogenic bacteria. No salmonella!

**Superb Malodor Counteractant** Contains a superb malodor counteractant to deodorize...instantly while actually consuming the organic odor's source.

**Excellent Sulfur Scavengers...**our bacteria help to reduce the obnoxious odor of hydrogen sulfide gas produced in many drain lines.

**Resistant To Quats, Phenols, and Chlorine...**through special genetic adaptations in our bacteria, this product is resistant to quaternary ammonium compounds, phenols, and chlorines at lower concentrations.

**General direction for use:**

**Grease Traps** ...Initial treatment- pour 1 pint into opening closest to trap, prior to its longest non-use period. For maintenance purposes, use 8 oz. daily through an automatic dispensing device or manually. (Large traps may require 18 to 24 oz. per day.)

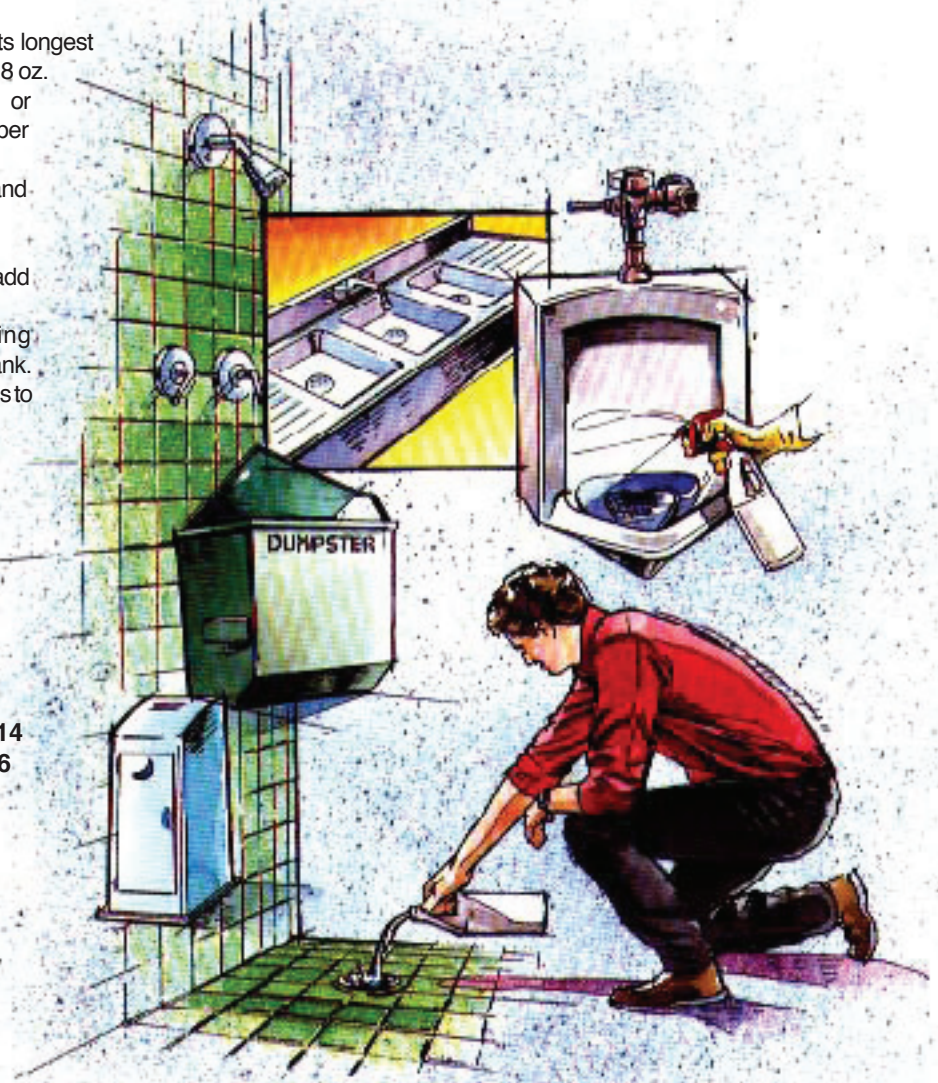
**Sink drains...** 4 oz./twice weekly. Vary amount and frequency according to usage and size of drain.

**Wash Basins/Shower Stalls.** 4 oz. weekly.

**Septic Tanks...** To promote bacterial digestion, add 8 oz. per week directly into toilet.

Recreational Vehicles and Marine Holding Tanks...Add 3 oz. per gallon of liquid in holding tank.  
Porta-Toilets and Outhouses...Add 1 quart to solids to deodorize and aid in digestion.

Garbage Disposals...2oz. weekly.



Sold By:

**COAST PRODUCTS INC.**

975 Queen Street, Honolulu, Hawaii 96814

Phone: 808-593-8709 • Fax: 808-591-9096

E-Mail: [coastproducts.inc@verizon.net](mailto:coastproducts.inc@verizon.net)

[www.coast-products.com](http://www.coast-products.com)



Case of (4) 1 gallon  
NSN #6840-01-659-7681

Case of (12) 32 oz.  
NSN # 6840-01-659-7679

REV. 10-6-2020

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 1: Identification**

**1.1 Product identifier**

Trade name	<b>COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT</b>
Alternative name(s)	CFI-400-03
Alternative number(s)	CFI-400-03, F400-001, NSNF 6840-01-659-7681

**1.2 Relevant identified uses of the substance or mixture and uses advised against**

Relevant identified uses: General use

**1.3 Details of the supplier of the safety data sheet**

Coast Products, Inc.  
975 Queen Street  
Stouffville ON M9B 1L4  
United States

Telephone: 800-593-8700  
e-mail: 1800-0000-products.com/

**1.4 Emergency telephone number**

National Poison Center  
Emergency information service

800-222-1222  
800-535-5063  
This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

**SECTION 2: Hazard(s) identification**

**2.1 Classification of the substance or mixture**

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
This mixture does not meet the criteria for classification.

**2.2 Label elements**

Labeling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)  
not required

Hazardous ingredients for labelling: Methylsulfazolinone

**2.3 Other hazards**

Results of PBT and vPvB assessment  
This mixture does not contain substances that are assessed to be a PBT or vPvB.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not relevant (mixture)

**3.2 Mixtures**

United States on Page: 1 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 4: Hazard(s) identification**

Name of substance	Identifier	Wt%	Classification acc. to GHS	Pictogram
Allylbenzene Sulfonic Acid	CAS No. 6858-22-5	1-4.5	Acute Tox. 4 / H332	

For full list of abbreviations see SECTION 16.

**SECTION 4: First-aid measures**

**4.1 Description of first-aid measures**

**General notes:**  
Do not have affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately any contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

**Following inhalation:**  
If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

**Following skin contact:**  
Wash with plenty of soap and water.

**Following eye contact:**  
Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

**Following ingestion:**  
Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

**4.2 Most important symptoms and effects, both acute and delayed**

Symptoms and effects are not known to date.

**4.3 Indication of any immediate medical attention and special treatment needed**

None

**SECTION 5: Fire-fighting measures**

**5.1 Extinguishing media**

Suitable extinguishing media  
Water spray, BC-powder, Carbon dioxide (CO2)  
Unsuitable extinguishing media  
Water jet

**5.2 Special hazards arising from the substance or mixture**

**5.3 Advice for firefighters**

Wear full protective gear and avoid breathing fumes. Coordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight to wet normal procedures from a reasonable distance.

United States on Page: 2 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 6: Accidental release measures**

**6.1 Personal protective, protective equipment and emergency procedures**

For non-emergency personnel  
Remove persons to safety.  
Wear breathing apparatus if exposed to vapors/mists/aerosols/gases.

For emergency responders  
Wear breathing apparatus if exposed to vapors/mists/aerosols/gases.

**6.2 Environmental precautions**

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

**6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill:  
Covering of drains

Advice on how to clean up a spill:  
Wipe up with absorbent material (e.g. cloth, fleece). Collect spillage carefully, transfer to suitable container, seal, universal binder.

Appropriate containment techniques  
Use of absorbent materials.  
Other information relating to spills and releases  
Place in appropriate containers for disposal. Ventilate affected area.

**6.4 Reference to other sections**

Personal protective equipment see section 8. Incompatible materials see section 10. Disposal considerations see section 15.

**SECTION 7: Handling and storage**

**7.1 Precautions for safe handling**

Recommendations  
Measures to prevent fire as well as aerosol and dust generation  
Use local and general ventilation. Use only in well-ventilated areas.

Advice on general occupational hygiene  
Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedstuffs.

**7.2 Conditions for safe storage, including any incompatibilities**

Control of the effects  
Protect against external exposure, such as frost.

**7.3 Specific end uses**

See section 16 for a general overview.

United States on Page: 3 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

This information is not available.

**Relevant DNELs of components of the mixture**

Name of substance	CAS No.	Endpoint	Threshold level	Protection goal / Population	Used in	Exposure route
Allylbenzene Sulfonic Acid	6858-22-5	DNEL	0.65 mg/m <sup>3</sup>	Thermal, Irritation	worker (industry)	inhalation, system effects
Allylbenzene Sulfonic Acid	6858-22-5	DNEL	0.23 mg/kg bw/day	Normal, dermal	worker (industry)	dermal, system effects

**Relevant PNECs of components of the mixture**

Name of substance	CAS No.	Endpoint	Threshold level	Organization	Environmental compartment	Exposure route
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	1 %/y	aquatic organisms	freshwater	short-term (single instants)
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	1 %/y	aquatic organisms	marine water	short-term (single instants)
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	100 %/y	aquatic organisms	sewage treatment plant (STP)	short-term (single instants)
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	714,500,000 %/y	aquatic organisms	freshwater (soil-water)	short-term (single instants)
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	714,500,000 %/y	aquatic organisms	marine (soil-water)	short-term (single instants)
Allylbenzene Sulfonic Acid	6858-22-5	PNEC	888,700,000 %/y	terrestrial organisms	soil	short-term (single instants)

**8.2 Exposure controls**

Appropriate engineering controls  
General ventilation  
Individual protection measures (personal protective equipment)  
Eye/face protection  
Wear eye/face protection.  
Skin protection  
Hand protection  
Wear suitable gloves. Chemical protection gloves are suitable, which are tested according to EN 374. Check built-in/impregnability prior to use. In the case of tearing to use the gloves again. Check them before taking off and air them well. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.  
Other protection measures  
Take necessary periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended. Wash hands thoroughly after handling.  
Respiratory protection  
In case of inadequate ventilation wear respiratory protection.

United States on Page: 4 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**Appearance**

Physical state	liquid
Color	white
Odor	balsam

**Other safety parameters**

pH (value)	7 - 9.5
Melting point/freezing point	not determined
Initial boiling point and boiling range	100 °C
Flash point	not determined
Evaporation rate	not determined
Flammability (solid, gas)	not relevant, thus
Explosive limits	not determined
Vapor pressure	not determined
Density	not determined
Vapor density	this information is not available
Relative density	information on this property is not available
Solubilities	not determined
Partition coefficient n-octanol/water (log KOW)	this information is not available
Auto-ignition temperature	311 °C
Viscosity	not determined
Explosive properties	none
Oxidizing properties	none

United States on Page: 5 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**9.2 Other information**

Temperature class (USA, acc. to NEC 500)	T2 (maximum permissible surface temperature on the equipment: 300°C)
------------------------------------------	----------------------------------------------------------------------

**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

**10.2 Chemical stability**

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

There are no specific conditions known which have to be avoided.

**10.5 Incompatible materials**

There is no additional information.

**10.6 Hazardous decomposition products**

Heavily antimicrobial hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Test data are not available for the complete mixture.

**Classification procedure**

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

This mixture does not meet the criteria for classification.

**Acute toxicity**

Shall not be classified as acutely toxic.

**Acute toxicity estimate (ATE) of components of the mixture**

Name of substance	CAS No.	Exposure-route	ATE
Allylbenzene Sulfonic Acid	6858-22-5	Inhalation; vapor	11 %/y <sub>inh</sub>
Allylbenzene Sulfonic Acid	6858-22-5	Inhalation; dust/mist	1.9 %/y <sub>inh</sub>

**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Shall not be classified as seriously damaging to the eye or eye irritant.

**Respiratory or skin sensitization**

Shall not be classified as a respiratory or skin sensitizer.

United States on Page: 6 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**11.2 Other adverse effects**

Endocrine disrupting potential  
None of the ingredients are listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

Shall not be classified as hazardous to the aquatic environment.

**12.2 Persistence and degradability**

Data are not available.

**12.3 Bioaccumulative potential**

Data are not available.

**12.4 Mobility in soil**

Data are not available.

**12.5 Results of PBT and vPvB assessment**

Data are not available.

**12.6 Other adverse effects**

Endocrine disrupting potential  
None of the ingredients are listed.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

Seepage disposal-relevant information  
Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages  
Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance/s.

**Remarks**

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

United States on Page: 7 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**SECTION 14: Transport information**

**14.1 UN number**

not subject to transport regulations

**14.2 UN proper shipping name**

not assigned

**14.3 Transport hazard class(es)**

not assigned

**14.4 Packing group**

not assigned

**14.5 Environmental hazards**

non-environmentally hazardous acc. to the dangerous goods rules.

**14.6 Special precautions for user**

There is no additional information.

**14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code**

The cargo is not intended to be carried in bulk.

**Information for each of the UN Model Regulations**

**Transport of dangerous goods by road or rail (ADR/CFR US DOT)**

Not subject to transport regulations.

**International Maritime Dangerous Goods Code (IMDG)**

Not subject to IMDG.

**International Civil Aviation Organization (ICAO-IATA/DGR)**

Not subject to ICAO-IATA.

**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations specific for the product in question**

**National regulations (United States)**

**Clean Air Act**  
none of the ingredients are listed

**Industry or sector specific available guidances)**  
NPA-HMIS: III  
Hazardous Materials Identification System. American Coatings Association.

Category	Rating	Description
Chronic	D	Chronic (long-term) health effects may result from repeated overexposure
Health	D	no significant risk to health
Flammability	D	material that will not burn under typical fire conditions
Physical hazard	D	material that is normally stable, even under fire conditions, and will not react with water, polymers, oxidizers, acids, or solvents. Non-explosive
Personal protection	-	

**NFPA® 704**  
National Fire Protection Association Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

United States on Page: 8 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

Catégorie	Degré de danger	Description
Hautement inflammable	2	matériau qui ne brûle pas sous des conditions normales
Santé	0	matériau qui, sous des conditions normales, ne peut être considéré comme dangereux par rapport à la santé humaine
Inflammable	2	matériau qui est normalement stable, même sous des conditions normales
Spécifique		

**15.2 Chemical Safety Assessment**

Chemical safety assessments for substances in this mixture were not carried out.

**SECTION 16: Other information, including data of preparation or last revision**

**Indication of changes (revised safety data sheets)**

Version	Former entry (revision)	Actual entry (revision)	Safety level (level)
1.1	Alternative number(s): CFI-400-03, F400-001, NSNF 6840-01-659-7681	Alternative number(s): CFI-400-03, F400-001, NSNF 6840-01-659-7681	yes

**Abbreviations and acronyms**

Abb.	Description of used abbreviations
49 CFR US DOT	49 CFR U.S. Department of Transportation
Acute Tox.	Acute Toxicity
ATE	Acute Toxicity Estimate
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
DGR	Dangerous Goods Regulations (see IATA/DGR)
DNEL	Derived No-Effect Level
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IMDG	Dangerous Goods Regulations (DG) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
MARPOL	International Convention for the Prevention of Pollution from Ships (abbr. of "Marine Pollution")
NPA-HMIS III	National Paint and Coatings Association Hazardous Materials Identification System - HMIS III, Third Edition
OSHA	Occupational Safety and Health Administration (United States)
PBT	Persistent, Bioaccumulative and Toxic
PNEC	Proposed No-Effect Concentration
REACH	Registration of Toxic Effects of Chemical Substances (database of REACH with toxicological information)
vPvB	Very Persistent and Very Bioaccumulative

United States on Page: 9 / 10

**Safety Data Sheet**  
acc. to 29 CFR 1910.1200 App D

**COAST LIQUID LIFE FORMS BACTERIAL DIGESTANT DEODORANT**

Version number: GHS 2.0  
Replaces version of: 2020-09-09 (GHS 1)  
Revision: 2020-10-01

**Key literature references and sources for data**

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.  
Transport of dangerous goods by road or rail (ADR/CFR US DOT), International Maritime Dangerous Goods Code (IMDG), Dangerous Goods Regulations (DGR) for the air transport (IATA).

**Classification procedure**

Physical and chemical properties: The classification is based on tested mixture.  
Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**List of relevant phrases (code and full text as stated in chapter 2 and 3)**

Code	Text
H332	Harmful if inhaled.

**Disclaimer**

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

United States on Page: 10 / 10